

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** The cool, wet weather came back as the predominant conditions for the week, with some areas reporting snow and hail. Low temperatures ranged from 21 degrees in Lakeview to 44 degrees in Roseburg. High temperatures ranged from 58 degrees in Bandon to 76 degrees in The Hermiston. Average temperatures were between 41 and 57 degrees. All 43 stations reported measurable precipitation, and 16 of those reported more than an inch. All but one station reported above normal precipitation and all but one station reported below normal temperatures. Average precipitation reported across all stations was 0.91 inches, about half an inch above normal.

**Field Crops:** Limited field work took place last week because of cool, wet conditions. Stripe rust remained a concern for the State's wheat crop. Aerial applications to battle rust were delayed in Sherman County because of unfavorable flying conditions. Early seed crops of Crimson clover, radishes, and meadow foam were blooming, but bees were not flying. The first cutting of hay was ready but harvest was delayed because the weather was too cold and wet for the hay to dry. Planting of other spring crops was also delayed. Eastern Oregon experienced planting delays due to flooding of nearly 3000 acres. In general, warmer weather was needed for spring planting to continue and for significant growth in seeded crops.

**Vegetables:** Vegetable planting continued at a slow pace due to cool, wet weather. Early sweet corn in Washington County was up but other fields were waiting to be seeded. Some vegetable

seedlings were covered with plastic hoods to help with growth. Ever cold crops were slowed the cool weather. Truck gardens were busy playing catch up.

**Fruits and Nuts:** Freeze damage has been discovered among marionberries in Clackamas County. Yamhill County reported some damage from hail and heavy rain, but otherwise a good set. Fruit orchards were leafing out in Jackson County but need more sunshine. Spraying progressed in orchards for mites, mold and mildew. Lane County reported signs of apple scab infection, cherry gummosis, dead bud and canker, cedar apple rust among Bartlett pears, and blueberries with *Pseudomonas*. In Washington County, orchards of hazelnuts, berries and grapes were leafing or blooming. Farmers Markets started this week in Yamhill County, but orchard crops were 10 to 14 days behind normal.

**Nurseries and Greenhouses:** Greenhouses continued being busy with vegetable and decorative starts. Nurseries continued busy with balled and burlap stock, potted plants, and hanging baskets. Planting of heat loving bedding plants was safe in southwestern areas.

**Livestock, Range and Pasture:** Range and pastures were in good condition throughout the State with the help of the plentiful moisture received so far this season, though warmer weather would still be helpful. Ranchers were moving livestock to new pastures and tending to animals. Livestock were doing well.

**Soil Moisture - Week Ending 05/29/11**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	2	79	19
Subsoil	0	3	74	23

**Crop Progress - Week Ending 05/29/11**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	92	88	100	99
Barley emerged	69	65	91	94
Spring wheat emerged	84	72	100	98
Days suitable for fieldwork	4.0	5.7	3.5	5.2

**Crop Condition - Week Ending 05/29/11**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	1	24	50	24
Range and pasture	0	4	27	59	10

## Western Oregon

**BENTON/LINN:** Fields in both Benton and Linn counties were showing lots of stripe rust in the wheat crop. Row crop farmers were getting the soil worked and ready for some of the later plantings. Meadowfoam was in full bloom and has had a few days to pollinate. The weather was keeping the grass crops maturing at a slower pace. Heading on most of the grass crops appeared average.

**CLACKAMAS:** Another wet week. Half an inch fell Thursday night and more on Friday. There were no drying days early in the week either. There were still plenty of fields to be planted to beans, corn and potatoes. Early seed crops of crimson clover, radishes and meadow foam were blooming while bees could not fly. Recent warm days have made areas of freeze damage obvious in many fields of marionberries.

**COLUMBIA:** Still much too cool. Small fruits were behind as were most other crops.

**COOS/CURRY:** Low temperatures were 1.5 degrees below the 5-year average in Brookings (southern Curry) and nearly 3.5 degrees below the 5-year average in Bandon (Coos County). High temperatures through the week were about 3 to 7 degrees below the 5-year average in both southern Curry and Coos. Heaviest precipitation was mid-week for both counties, with nearly an inch in Brookings on Wednesday. Producers continued to move more cattle onto the bottoms. There was 1 day suitable for field work during the period. Bandon (Coos & Northern Curry): Low temperature for the period was 39.15 degrees, 3.44 degrees below the 5-year average. High temperature for the period was 58.26 degrees, 3.7 degrees below the 5-year average. Precipitation for the period was 1.94 inches, which is 1.51 inches above the 5-year average for the week. Weather year 2011 (began 10/1/2010) precipitation stands at 51.73 inches, 1.34 inches below the 5-year average. Historical average precipitation through the month of May is 55.97 inches. Brookings (Southern Curry): Low temperature for the period was 42.7 degrees, 1.65 degrees below the 5-year average. High temperature for the period was 61.02 degrees, 6.6 degrees below the 5-year average. Precipitation for the period was 2.27 inches, compared to a 5-year average of 0.96 inches. Weather year 2011 (began 10/1/2010) precipitation stands at 85.28 inches, 7.69 inches above the 5-year average. Historical average precipitation through May is 68.15 inches.

**DOUGLAS:** Still looking for consistent warm weather and no rain. Haying will be delayed.

**JACKSON:** This has been another week of cool, wet weather. Field crops that were planted were doing good, but really need more sun and warm days. Hay fields were looking ready to be cut, but weather has been much too cold and wet for any hay to dry. Fruit orchards were well leafed out, but they too needed more sun and warm days. Some spraying was being done for mites, mold and mildew. Also some weed control. Some vegetable planting was done, but with the weather so wet it has been a chore to get ground ready. Greenhouses were still doing spring starts of vegetable plants and decorative plants. Nurseries were still busy with balled and burlap stock. They were also

getting out potted plants, and lots of hanging baskets were at outlets for sale. All livestock were looking good with pastures in good condition. There was a lot of grass growth, but sunny days would help to enrich the foliage. All valley irrigation districts were up and running, but not much need for water yet. With lots of snow in the high country there should be adequate irrigation this year, and with the weather being too cool and wet or cloudy, haying was getting a good start. If the weather changes, it should be a good hay year.

**JOSEPHINE:** Lows 36-48, highs 48-65. Precipitation: 3.50 inches of rain. Windy week with gusts. Sunny during days, rain mostly at night. Growth rampant in everything. Truck gardens were very busy playing catch-up. Spring has been beautiful here this year. Planting of heat loving bedding plants was safe this week. Table grapes were blooming. Animals looking really good this spring, although perhaps not as many. Haying will be delayed due to weather.

**LANE:** Weather still cool and cold at times with days of rain. Increased apple scab infection. Lots of cherry gummosis, dead bud, and canker due to the wet weather. Bartlett pears got a lot of cedar apple rust. Noticing with blueberries a lot of *Pseudomonas* or tip die back. Pollination on all tree fruits and berries seemed to be okay so far. Even cole crops slow at growing. Grass and pastures were enjoying the cool weather. The first hay crop may not get cut in time for maximum yield and nutrient value; grass is too wet, weather too wet for drying.

**MARION:** Cool and wet conditions persisted through the week. With a high of 70 and a low of 43, the mean temperature for the week of May 22-28 was 54 degrees. Trace or more rain was observed every day with a total of .84" of total precipitation for the week. Crops were late again this year as the cool weather continued. Rust continued to be an issue in wheat stands. Row crop plantings were continuing to be planted and producers were waiting for the next break in weather to plant silage corn.

**WASHINGTON:** Farmers trying to get field crops planted. Crimson clover was in full bloom. Red clover was growing rapidly with slightly warmer weather. Strawberries were late but blooming. Filberts fully leaved and walnuts were leafing. Blueberries (evergreen) were blooming, grapes were leafing and growing. Some sweet corn was up but other fields had yet to be seeded. Vegetable planting slow to none. Seedlings covered with plastic hoods. Livestock doing well on new grass and supplements. Rain, hail, sun, and made it a bit warmer for the week.

**YAMHILL:** Phenological development of orchard crops was about 10 to 14 days behind normal due to cooler than average spring temperatures. More planting has been getting done and good growth on the grass fields. Wheat has finally started to head out. Farmers Markets started this week. Reports of green strawberries in the large commercial fields that hope to be ready by 6/15. Cherries (tart and sweet) seemed to have a good set if they have not been hit by hail or heavy rains. Grapes seemed to be all over the place, from right on time to two weeks behind.

## Eastern Oregon

**KLAMATH:** Another week of cold wet weather: snow, rain, hail, wind. Planting continued but was delayed. Growth was slow on perennials. First hay cutting will be delayed

**MALHEUR:** Cold, windy, and wet. Malheur County has received plenty of moisture, however the heat units were not there making the plants slow growing. Cool weather has set crops behind significantly and may reduce yields and create harvest problems. A hail storm hit about a 5 mile stretch between Ontario and Vale on May 27th. Damage is unknown at this time. Most crops 10 to 14 days behind normal. Fertilizing and spraying were behind due to wet/windy conditions. Cutting started on a few hay fields. Strip Rust has started affecting wheat.

**SHERMAN:** Range listed as 50/50 because they have not yet seen the warm weather needed to grow the grass. Expect it to improve as temperatures warm up and expect longer green period due to the availability of soil moisture. Early heading of some wheat began early this week, but many parts still have wheat in boot and may be 10 days away. The south end of the County was a little further out. Do not expect early harvest start time this summer, but possibly not as late as last year. Time will tell.

Stripe rust continued to be the talk of the day, but pilots were behind schedule for spraying because they needed better weather. Some fields have been sprayed twice but rust started late enough here. They should avoid a third application. Even the most resistant variety has been susceptible.

**UMATILLA:** Still wet, cold, and rainy conditions. Planting and maturity for spring planted crops was still behind, and producers were beginning to question whether they will be able to get second plantings (double cropping) in the ground.

**UNION/BAKER:** Rain, snow, sleet, hail, we've had it all this week. Most unplanted acres will be prevented planting due to the excess moisture. About 3,000 acres still under water due to flooding. Precipitation was approximately 160 percent of normal for the year.

**WALLOWA:** North end producers are still not able to seed any of their spring crops due to extremely wet conditions. Warmer temperatures would be helpful for seeding and growing.

**WASCO:** Need more sun.

**Weather data for selected stations in Oregon, Week ending: May 29, 2011 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria	40	63	51	-4	10	-17	1.50	0.87	5	79.18	17.84	129	191
Bandon <sup>8</sup>	39	58	51	-3	13	-10	1.94	1.40	7	53.53	-2.35	96	180
Crescent City	41	59	52	-3	13	-18	2.20	1.63	4	61.74	-0.65	99	143
Florence	39	63	50	-5	6	-25	2.76	1.99	6	76.64	4.97	107	187
North Bend	41	59	51	-5	7	-25	1.27	0.71	6	46.68	-13.46	78	137
Tillamook	41	64	51	-3	13	-9	2.07	1.14	5	77.40	-4.41	95	178
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	38	67	51	-7	14	-35	1.28	0.79	5	48.37	10.73	129	175
Corvallis	39	68	51	-6	14	-31	1.47	1.05	5	43.07	3.09	108	175
Detroit Lake <sup>8</sup>	38	70	48	-6	7	-17	2.08	1.38	6	96.43	33.44	153	182
Eugene	39	70	52	-7	15	-38	1.26	0.82	5	37.29	-8.94	81	141
Hillsboro	35	65	50	-8	10	-39	0.62	0.27	5	37.85	3.39	110	163
McMinnville	37	66	51	-8	13	-39	0.94	0.56	5	42.67	1.84	105	163
Portland	42	67	53	-7	20	-43	0.74	0.32	6	45.45	12.47	138	164
Salem	41	70	53	-4	27	-19	1.12	0.70	6	45.05	8.67	124	159
<b>SW VALLEYS</b>													
Grants Pass	40	70	53	-9	23	-55	0.83	0.62	6	38.44	8.72	129	135
Medford	38	72	53	-8	23	-50	0.77	0.56	4	19.96	2.52	114	106
Roseburg	44	71	54	-6	28	-33	1.31	1.03	7	34.93	4.17	114	150
<b>NORTH CENTRAL</b>													
Condon	33	66	47	-7	5	-26	0.66	0.38	5	16.32	4.54	139	124
Echo <sup>8</sup>	38	73	54	-9	31	-50	0.62	0.48	5	11.79	3.94	150	110
Heppner	35	69	51	-8	12	-43	0.66	0.38	4	15.94	4.07	134	117
Hermiston	38	76	55	-8	37	-44	0.18	0.04	5	11.83	3.98	151	104
Madras <sup>8</sup>	32	69	47	-10	1	-44	0.28	0.07	2	9.75	1.15	113	99
Moro	33	67	49	-7	9	-32	0.40	0.24	3	14.03	4.32	144	94
Parkdale <sup>8</sup>	35	66	49	-10	4	-49	0.34	0.14	4	45.16	15.93	154	157
Pendleton	35	68	52	-10	19	-53	0.95	0.74	5	15.73	5.29	151	114
Prairie City <sup>8</sup>	32	69	47	-10	1	-44	0.28	0.07	2	9.75	1.15	113	99
The Dalles	43	74	57	+0	49	+3	0.44	0.23	4	14.13	3.04	127	108
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	34	62	44	-9	-	-22	0.28	0.02	4	16.27	2.06	114	98
Bend	29	68	44	-9	-	-24	0.13	-0.08	2	7.26	-2.45	75	53
Burns	30	60	45	-9	-	-26	0.80	0.54	5	13.92	5.91	174	107
Christmas Valley <sup>8</sup>	25	66	42	-15	-	-41	0.16	-0.08	3	9.41	-0.79	92	120
Klamath Falls	25	65	44	-12	-	-38	0.16	-0.05	3	9.97	-1.82	85	79
Klamath Falls <sup>8</sup>	26	65	44	-13	-	-38	0.17	-0.04	3	12.46	0.67	106	108
Lakeview <sup>8</sup>	21	61	41	-14	-	-30	0.45	0.10	4	14.74	1.27	109	114
Lorella <sup>8</sup>	24	65	44	-12	-	-38	0.34	0.13	4	13.00	1.21	110	108
Redmond	28	69	45	-9	-	-30	0.25	0.04	3	9.45	2.67	139	79
Worden <sup>8</sup>	26	64	42	-14	-	-38	0.12	-0.09	2	11.75	-0.04	100	91
<b>NORTHEAST</b>													
Baker City	32	64	46	-10	-	-36	1.02	0.68	3	11.51	3.64	146	104
Joseph	31	63	43	-7	-	-12	2.03	1.54	5	14.03	-6.98	67	112
La Grande	34	66	48	-9	7	-39	1.20	0.84	5	14.78	0.41	103	116
Imbler <sup>8</sup>	34	63	48	-9	4	-34	1.04	0.62	6	20.67	0.30	101	133
<b>SOUTHEAST</b>													
Ontario	36	74	53	-11	26	-62	0.87	0.66	4	11.09	2.83	134	87
Rome	30	70	46	-13	3	-54	0.94	0.71	5	12.74	6.38	200	88

<sup>1</sup> Summary based on NWS data. Copyright 2011: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2010.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.